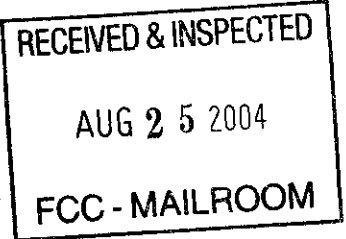


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BEFORE THE  
FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON DC 20554

IN THE MATTER OF:

AMENDMENT OF SECTION 73.202(b)  
TABLE OF ALLOTMENTS  
FM BROADCAST STATION  
(POWERS, OREGON)

)  
)  
)  
)  
)  
)

MM Docket No. \_\_\_\_\_  
RM- \_\_\_\_\_

TO: Chief, Audio Division  
Media Bureau

**PETITION FOR RULEMAKING**

Mikel Chavez ("MC") hereby requests an amendment to the FM Table of Allotments, 47 CFR §73.202(b), to add a new FM allotment for Channel 293C2 (106.5mhz), at Powers, Oregon. The allocation would provide the first local broadcast service to the community.

**I. ARGUMENT**

**A. Powers in a City Worthy of an FM Allotment**

Powers is an incorporated city with a permanent resident population of 734 persons.<sup>1</sup> It has it's own city council, fire department, police department, post office, water supply system, waste treatment system, library, and school district - including K-12 public schools. The U.S. Forest Service has offices in the city, and is the largest employer. Powers has public, private, religious, and retail services associated with an independent city. Powers has its own zip code and telephone prefix.

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<sup>1</sup>2000 Census

No. of Copies rec'd  
List ABCDE

0+4  
MB 04-152

**B. Powers Would be Provided First Local Broadcast Service**

Powers is one of only two incorporated cities in Coos County that do not yet have a broadcast station. Allotting an FM station to Powers, Oregon, is clearly in the public interest, and consistent with the Commission's mission to give highest priority to providing first local transmission services.

**II. TECHNICAL ANALYSIS**

Channel 293C2 can be allocated to Powers, Oregon, without a site restriction, but the applicant has opted to use a developed site at 42:57:32N, 124:16:23W. This site is approximately 18km from Powers. The **Allocation Map** in the attached Engineering Statement clearly shows that the entire city of Powers would easily be contained within the 70dbu theoretical/circular contour. Powers would also be easily contained within the 70dbu contour of an actual facility built at this site, with terrain taken into account. The primary (60dbu) contour would provide service to 60,943 persons<sup>2</sup>. None of the primary coverage area is within a Census-Designated Urbanized Area. The **Allocation Study** contained in the attached Engineering Statement shows that this site is full spaced to all other facilities.

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<sup>2</sup>2000 Census

### **III. CONCLUSION**

Grant of this Petition is in the public interest because Powers, Oregon would be provided with its first local broadcast service, with nearly 61 thousand persons served. If the proposed channel is added to the FM Table of Allotments, MC hereby states an intent to file an application for a construction permit, and if granted, to construct the station.

Respectfully Submitted  
Mikel Chavez, Petitioner  
PO Box 400  
Coquille, Oregon 97423  
(541) 396-3191

**AFFIRMATION**

I hereby certify that the statements contained in the preceding Petition for Rulemaking are true, to the best of my knowledge and ability.

Signed  date: 8/18/04  
Mikel Chavez, Petitioner  
Box 400  
Coquille, Oregon 97423  
(541) 396-3191



**U.S. Census Bureau**  
American FactFinder



**10 Years on the We**

**QT-PL. Race, Hispanic or Latino, and Age: 2000**

Data Set: Census 2000 Redistricting Data (Public Law 94-171) Summary File

Geographic Area: **Powers city, Oregon**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://factfinder.census.gov/home/en/data/notes/expplu.html>.

Subject	All ages		18 years and over	
	Number	Percent	Number	Percent
<b>RACE</b>				
<b>Total population</b>	<b>734</b>	<b>100.0</b>	<b>557</b>	<b>100.0</b>
One race	671	91.4	522	93.7
White	617	84.1	484	86.9
Black or African American	0	0.0	0	0.0
American Indian and Alaska Native	48	6.5	33	5.9
Asian	4	0.5	3	0.5
Native Hawaiian and Other Pacific Islander	1	0.1	1	0.2
Some other race	1	0.1	1	0.2
Two or more races	63	8.6	35	6.3
<b>HISPANIC OR LATINO AND RACE</b>				
<b>Total population</b>	<b>734</b>	<b>100.0</b>	<b>557</b>	<b>100.0</b>
Hispanic or Latino (of any race)	17	2.3	10	1.8
Not Hispanic or Latino	717	97.7	547	98.2
One race	656	89.4	514	92.3
White	607	82.7	478	85.8
Black or African American	0	0.0	0	0.0
American Indian and Alaska Native	44	6.0	32	5.7
Asian	4	0.5	3	0.5
Native Hawaiian and Other Pacific Islander	1	0.1	1	0.2
Some other race	0	0.0	0	0.0
Two or more races	61	8.3	33	5.9

(X) Not applicable

Source: U.S. Census Bureau, Census 2000 Redistricting Data (Public Law 94-171) Summary File, Matrices PL1, PL2, PL3, and PL4.



# Powers Public Schools #31

High School Hill Road P.O. Box 479 Powers, OR 97466

[psd@powers.k12.or.us](mailto:psd@powers.k12.or.us) Phone: 1-541-439-2291 - Fax: 1-541-439-2875

Home

Staff

CAM

Senior  
Projects

Athletics

Information

The Powers School District #31 is a K-12 School. Our elementary school is a K-6 school, while our high school is a 7-12 school. We have approximately 170 students in our school district.



## Powers Elementary School



## Powers High School



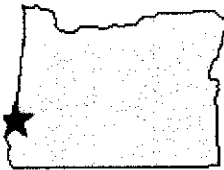
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Search for:

keyword

**Assisting Communities****Assisting Communities Links** ▾**Assisting Businesses****Assisting Communities****About Us****Powers Community Profile**

PO Box 250, 275 Fir Street, Powers, OR 97466  
 Phone 541-439-3331 • Fax 541-439-5555  
 • E-Mail: powersch@ucinet.com

**City Location**

**County(ies):** Coos    **Incorporated in**  
 1945

**Location:** Southwest Oregon

**Nearest Major Highway and Distance:**  
 Hwy 101 | 38 miles

**Nearest Major City and Distance:**  
 Coos Bay | 42 miles, Estimated Drive Time:

1 hour

**Distance to Portland:** 214 miles

Source: Oregon Department of Transportation, State of Oregon Map; Oregon Blue Book

**Recreational Amenities**

Powers County Park and Lake, White Cedar Days, Coquille River, Glendale/Power Bike Trail, Siskiyou National Forest, Powers Pioneer House and Powers Railroad Museum, Powers Orchard Park, Agness and Rogue River (about 1 hr. 15 min away), state and county parks within the county.

Planning a vacation or a tour through an area of Oregon? Visit the Oregon Tourism Commission's web site at <http://www.traveloregon.com/> for more information.

Source: City Administration, local chamber of commerce, local convention and visitor bureau

**Climate**

**Elevation:** 230'    **Measurement Location:** Powers

**Temperature:**

**Monthly Ave. Low:** 36°F    **Monthly Ave. High:** 69°F

**Hottest Month** August    **Coldest Month** January

**Driest Month** July    **Wettest Month** December

Average annual precipitation: 59.990"

Information in the Community Profiles was derived from many sources, including local, state and federal sources. The Oregon Economic and Community Development Department cannot accept responsibility for errors or omissions. Questions and comments may be directed to the department by telephone 503-986-0123, by fax 503-581-5115 or by email [oeedd.info@state.or.us](mailto:oeedd.info@state.or.us).

**Profile Topics**

Climate  
 Population  
 Community Age Groups  
 Housing  
 Industries and Products  
 Demographic Data  
 5 Largest Employers  
 Economic Development Orgs  
 Education  
 Financial Institutions  
 Taxes  
 Business Taxes  
 Public Safety  
 Community Communications  
 Planning/Zoning

**Infrastructure/Transportation**

Water Supply  
 Wastewater Treatment System

**Utilities:**

Telecommunications  
 Natural Gas & Electrical

Transportation

[Profiles Home Page](#)

[Login to update my profile](#)

**Humidity (Hour 10, local time):**

Average July afternoon humidity: 36%

Average January afternoon humidity: 69%

Source: Oregon Climate Service

**Demographics**

	<b>Population</b>					
	<b>1980</b>	<b>1990</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
<b>City of Powers</b>	819	682	665	720	734	730
<b>Coos County</b>	64,047	60,273	61,400	61,350	62,779	62,950

Sources: 1980, 1990, 2000 US Census; 1998, 1999, 2001 Center for Population Research and Census, Portland State University. 0 indicates data is unavailable.

Coos County	1,629 sq miles	39 persons/sq mile	Sources: figures based on 2001 PSU population estimates; Oregon Bluebook county square mileage
-------------	-------------------	-----------------------	--

**Community Age Groups**

	<b>1970</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Under 5 years</b>	0	0	46	38
<b>5-19 years</b>	0	0	148	152
<b>20-44 years</b>	0	0	188	182
<b>45-64 years</b>	0	0	147	202
<b>65+ years</b>	0	0	165	160
<b>Median Age</b>	0	0	39	44.7

Source: US Census, 0 or N/A indicates data is not available. Median value is the middle value, not an average.

**Housing**

	<b>1970</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>Median Value of Owner-Occupied Housing, 2000</b>
<b>Total Housing Units</b>					
<b>City of Powers</b>	250	325	375	408	\$52,300
<b>Coos County</b>	19,948	32,324	26,668	29,247	\$98,900

**City of Powers 2000 Housing Breakout:**

**Also visit Housing and  
Community Services Web Site:**



<b>Vacancy Rate:</b>	16.18%	<b>Median Owner Cost</b>	<a href="http://www.hcs.state.or.us/">http://www.hcs.state.or.us/</a>
<b>Owner Occupied:</b>	3,185	<b>(mortgaged):</b>	\$638
<b>Renter Occupied:</b>	2,075	<b>Median Gross Rent:</b>	\$375

Source: US Census. Median value is the middle value, not an average.

### Economic Development and Employment

#### Principal Industries of the County(ies):

Coos County—Wood products, fishing, tourism, agriculture

Source: Oregon Employment Department, Covered Employment and Payroll Reports, 1998

#### Agricultural Products of the Area (Top 3 largest gross farm sales):

Coos County—Specialty products, dairy products, small fruits and berries

Source: Oregon State University, Extension Economic Information Office

#### Total Number of Manufacturing Companies in the County:

Coos County 212

Source: Oregon Employment Department, Covered Employment and Payroll Reports, 1998

#### Total Number of Manufacturing Companies in the City: 2

Source: City Administration

#### Economic Indicators

	Coos County		Oregon		
	2001	2002	2000	2001	2002
<b>Population</b>	62,950	62,650	3,421,399	3,471,700	3,504,700
<b>Labor Force</b>	26,678	27,565	1,802,938	1,793,773	1,840,133
<b>Total Employment</b>			1,715,453	1,679,914	1,701,390
<b>Unemployment</b>	2,193	2,316	87,485	113,859	138,743
<b>Unemployment Rate</b>	8.2%	8.4%	4.9%	6.3%	7.5%
<b>Non-Farm Payroll Employment</b>	20,620	21,100	1,606,800	1,596,100	1,572,500
<b>Total Covered Employment</b>	20,821	20,873	1,607,944	1,596,943	1,573,083
<b>Total Covered Payroll (\$ thousands county/ \$ millions state)</b>	\$533,785	\$557,948	\$52,701	\$53,021	\$52,989
<b>Ave. Annual Payroll Per Employee</b>	\$25,637	\$26,731	\$32,776	\$33,202	\$33,684
<b>Number of Business Units</b>	1,859	1,867	108,432	111,353	113,097
<b>Total Personal Income (\$ millions)</b>	\$142,151	\$149,870	\$94,999	\$98,500	\$101,358
<b>Annual Per Capita Personal Income</b>	\$	\$23,937	\$27,649	\$28,400	28,792
<b>Assessed Value of Property (\$ millions)</b>	\$0	\$3,602	\$198,911	\$210,435	\$219,878

<b>Residential Construction</b>					
<b>Building Permits</b>	28	43	19,877	21,049	22,186
<b>Value (\$ thousands)</b>	\$3,281	\$5,917	\$2,533	\$2,985	\$3,347
<b>Travel Expenditures (\$ millions)</b>	\$0	\$136,800	\$6,133	\$6,128	\$6,208
<b>Travel-Related Employment</b>	0	2,540	89,800	91,100	90,200

**Preliminary Data**

Sources: Oregon Employment Department; Center for Population Research & Census, PSU; U.S. Census Bureau; Bureau of Economic Analysis; Oregon Tourism Commission; Oregon Department of Revenue; Oregon Economic and Community Development Department.

**5 Largest Employers, Public and Private as of September, 2000**

<b>Employer—Product/Service</b>	<b>Number of Employees</b>
US Forest Service—Government	28
Rose City Wood Products—Lumber; Pallet Stock	10
Wolverine Wood Products Co.—Millwork	2
—	
—	

Source: City Administration

**Oregon Employment Labor Market Information**

This link takes you to the Oregon Employment Department, Labor Market Analysis database. County information can be obtained here. <http://olmis.emp.state.or.us/>—Click on Regional Information.

**Local and Regional Economic Development Organizations**

City of Powers	541-439-3331
CCD Business Development Corporation— <a href="http://www.ccdbusiness.com/">http://www.ccdbusiness.com/</a>	541-756-4101
Economic Initiatives	541-269-0709
South Coast Development Council— <a href="http://www.scdcinc.org">http://www.scdcinc.org</a>	541-751-1653
Economic & Community Development Department Regional Development Officer— <a href="http://www.econ.state.or.us/">http://www.econ.state.or.us/</a>	541-267-4651

Source: City Administration, local chamber of commerce, Oregon Economic and Community Development Department

## Education/Workforce

### Public and Private Schools K–12

#### Public School District:

Powers School District 31

High School Hill Rd

PO Box 479

Powers, OR 97466-0479

Phone: 541-439-2291

Fax: 541-439-2875

Web site: <http://www.powers.k12.or.us/>

E-mail: [psd@powers.k12.or.us](mailto:psd@powers.k12.or.us)

#### Staff and Enrollments:

**District Certified Staff:** reported October 2000—16

**Total District Enrollment:** reported October 2001—152

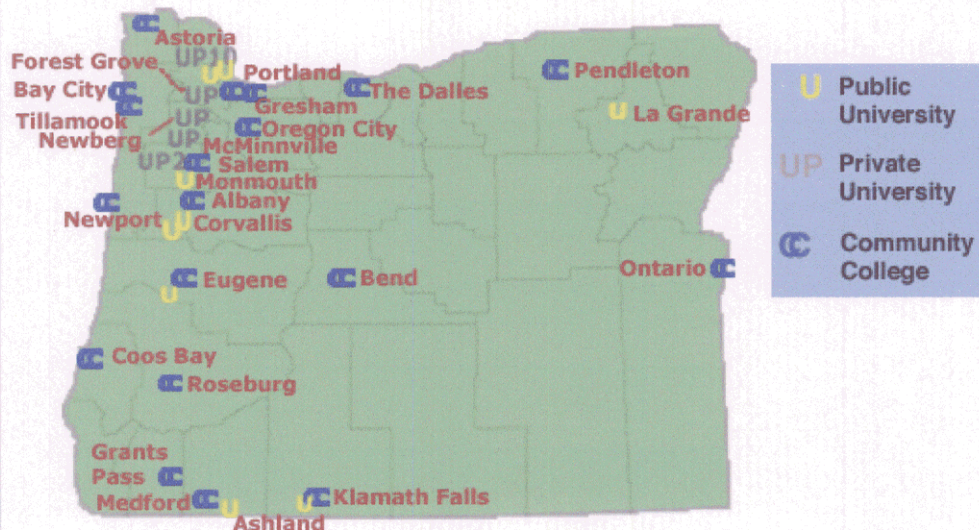
#### Other Schools in the School District (Private, Parochial)

To see if there are private and/or parochial schools in this district please visit

<http://www.ode.state.or.us/pubs/directory/>

Source: Oregon Department of Education

### Oregon Community Colleges and Public Universities



For a list of public and private educational institutions in Oregon visit <http://www.oregon.gov/index.cfm?CurrPID=505>.

**Alcoholic Beverages**—Manufacturers and/or import wholesalers of malt beverages and wines pay a privilege tax. Manufacturers, wholesalers and retailers of distilled spirits, malt beverages and wines pay license fees. Employees who serve alcoholic beverages pay for service permits. For more information contact the Oregon Liquor Control Commission, PO Box 22297, Portland, OR 97222, 503-872-5000 or 1-800-452-6522 (in Oregon), web <http://www.olcc.state.or.us/>.

**Tobacco Products**—Cigarette and tobacco products distributors are required to purchase tax stamps for cigarettes or pay a percentage of the wholesale price on other tobacco products. More information from the Oregon Department of Revenue, web <http://www.dor.state.or.us/>.

**Transit Payroll Tax**—paid by employers in the Tri-Met (Portland area) and Lane Transit District (Eugene) for mass transit systems. Administered by the Department of Revenue, web <http://www.dor.state.or.us/>.

Many local governments in Oregon collect other taxes, such as hotel-motel taxes. Contact the city or county in which you are interested for more complete information about taxes in that area.

Source: Oregon Department of Revenue, "A Summary of Taxes," January 2002; County information—County Assessor's Office

## Community Services and Resources

### Public Safety/Emergency Services

**Fire Station(s) serving community:** Powers Fire Department, 1 station

**Number of paid and volunteer firefighters:** 19\*\*

**Rating by Insurance Services Organization (ISO):** 5\*

Comments: 2000 data; \*ISO rating and number of firefighters unreported-last reported numbers

Source: Oregon State Fire Marshal, Oregon Fire Service Resource Directory 2000

**Police Department:** Powers Police Department

**Number of paid and reserve officers:** 1\*\*\*

Comments: \*\*City of Powers - 0 paid, 16 volunteer, and three EMT for ambulance. \*\*\*Police Dept. has four reserve officers.

**Nearest Hospital and distance:** Coquille Valley Hospital, 32 miles in Coquille

**Regional Hospital and distance:** Coquille Valley Hospital, 32 miles in Coquille

**Emergency services to community:** Ambulance Service

**General Clinic(s):** 1

Source: City Administration

### Communications Resources

**Local Newspapers:** Myrtle Point Herald

**Regional Newspapers:** The World - Coos Bay

**Radio Stations:** KWRO, KSHR, KDYK, KBBR

**TV Stations:** KVAL, KCBY, KOIN

**Available Cable Television:** Falcon Cable

**Telephone Service Provider(s):** VERIZON

**Local Internet Service Provider(s):** Yes

**Number of Internet Service Providers:** 6 approx.

Source: City Administration

### Library System

1 public library

Source: City Administration

### Planning Service/Regulatory

Regulatory System	Year Acknowledged	Year Last Revised	Year of Periodic Review	Comments
Comprehensive Plan	1982	1996	2005	
Zoning Ordinance		1997		
Building Permit System				Provided by State.
Subdivision Ordinance				
Strategic Plan				

### Territory Covered by Zoning

**Municipality** Yes    **County** No

Source: City Administration

### Industrial Lands

**Does the Community seek industrial development?** Yes

Access Statewide industrial lands database—<http://indlands.econ.state.or.us/indsites>

Source: Economic and Community Development Department

### Special Districts and Associations (ports, water, sewer, etc.)

**Name of Special District and the Oregon Revised Statute it was created under:**

Coos County E.S.D.; Coos County Library Service District; Port of Coquille River; Powers Health District; Powers School District; Southwestern Community College; Coos County' 4-H Coos County Extension; City of Powers

Special Districts Association of Oregon—727 Center St., NE Salem, OR 97301, 503-371-8667 or 800-285-5461 <http://www.sdao.com/>

Source: City Administration

### Infrastructure/Transportation

### Water Supply

**Operator:** City of Powers

**District:** N/A

**Source:** Surface Water; Coquille River

**Supply:** Treated; Capacity (MGD)—0.5; Pressure (PSI)—50

**Current Water Utilization on Meter Size (MGD):** 0.12 MGD

**Water Costs per thousand gallons:** Base rate per/thousand = \$24.00/month plus \$1/1000 gals over 4,000 gals.

**Water Costs for Total Consumption of Residential:** Based on 7,000 gallons = \$27.00. Hook-up fee \$100.00

**Age of Water System:**

**Water System Comment(s):**

**Compliance Issues:** None

**Water debt repayment included as part of tax assessment?** No

**Date of Current Master Plan:** 1996

**Plans for Upgrading or Expanding:** New water intake and main to treatment plant planned for 2003.

Source: City Administration

#### **WastewaterTreatment System**

**Operator:** City of Powers

**Age of Wastewater Collection System:**

**District:**

**System Design Capacity (MGD):** 0.3 MGD    **System Utilization (MGD):** 0.1 MGD

**Collection System Fees:** \$20.00    **Hook-up or Connection Fee:** \$600.00

**Access Fee or System Development Fee:**

**Comment(s) on Wastewater System:**

**Compliance Issues:** Under MAD, because of sewer inflow and infiltration; sewer plant to be reviewed after.

**Date of Last Facility Plan:**

**Plans for Upgrade/Expansion:**

**Storm Drain:** No    **Storm Water Discharge Fee:**

**Fees or issues related to storm drains:** None

Source: City Administration

#### **Utilities**

#### **Telecommunications**

**Is there access to broadband infrastructure?** No

**If yes, check all that apply:**  
Microwave Fiber optic Satellite

**Is there route diversity?** No

**Access**

**T1** Data  
unavailable

**DSL** Data  
unavailable

**Cable** Data  
unavailable

**Monthly Fee**

**Other Fee**

For Oregon Telecommunications information and resources, visit <http://www.econ.state.or.us/telecom/>.

**Natural Gas—Provider:** None

**Lines and Feed:**

**Rate Structure:**

**Plans for Upgrade/Expansion:**

**Electrical—Provider:** Pacific Power & Light

**Lines and Feed:**

**Rate Structure** #4 Residential: \$6.00/month + energy charge of \$.05402/kwh

#25 Commercial: minimum charge \$10.00/month + \$.55/kw, \$2.25/kwh over 15 kw demand charge + \$.0625 for first 3,000 kwh energy charge

#48 Industrial: \$250.00 + \$.50/kwh for 4,000 kw or less (over 4,000kw \$440.00 + \$.45/kwh). Billing demand charge for \$2.77 for each kwh + energy charge of \$.03275/kwh.

**Plans for Upgrade/Expansion:**

**Solid Waste Management:** Babe's Garbage Service

**Permit Status:**

**Utility Expansion Plans:** None

Utilities Source: City Administration; PGE information supplied by PGE. Note: We update utility rates once a year. Actual rates may change more often than that. For the most current rate for any carrier please consult the Public Utilities Commission web site at <http://www.puc.state.or.us/commsion/default.htm> Click on the **Statistics 200x** label (x being the most recent year).

**Transportation**

**Highways** Hwy 242 N/S route, local access **Transportation Access Fee:** \$0

**Community Air Service** Yes Power Airport (private)

**If no local service, list closest Air Facility**

**Air Passenger Service:** No

**Airport Freight Service:** No

North Bend Municipal Airport

**Air Service Comments:** Navigation Aids: NDB; VOR; Runway Dimensions: 13/31: 2,500' x 50'; Runway surface: turf (good condition); Operations: 450/yr

**Rail Service:** No

**Freight Service:** No **Passenger Service:** No

**If no local service, list closest Rail Service:** 50 miles



**Marine No**

**Transportation issues which might confront development, such as non-attainment air shed, etc.:**

**Public Transportation Comment:**

**Bus Service Available in the Community:** No

**Scheduled Bus Service Available:**   **Buses Per Day:**

**Local Charter Services:**

**Distance to Nearest Bus Service:** 50 miles

**Trucking Service**

**Scheduled Freight Carrier Services:** Yes

**Overnight Express Parcel Service Available:** Yes

**Overnight Express Mail Service Available:** No

**Transportation Comments:**

For more information relating to transportation topics please visit the Department of Transportation web site. Airports (maps and general information) <http://www.tripcheck.com/About/airport.htm>; Bicycle and Pedestrian Route information <http://www.tripcheck.com/About/bicycle.htm>; Public Transportation, bus and rail <http://www.tripcheck.com/About/busrail.htm>.

Source: City Administration, local chamber of commerce (proprietary information)

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This page last modified 8/8/2004.

# BROWN BROADCAST SERVICES INCORPORATED

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Michael D. Brown, President 3740 S.W. Comus St. Portland, Oregon, U.S.A. 97219-7418  
SBE Certified Senior Radio Broadcast Engineer office:503-245-6065 fax:245-5773 e-mail:mike@brownbroadcast.com

## **ENGINEERING STATEMENT In Support of Petition for Rulemaking Channel 293C2, Powers Oregon Mikel Chavez, Petitioner**

Mikel Chavez ("MC") hereby petitions the Commission to modify the FM Table Of Allotments, adding Channel 293C2 at Powers, Oregon, providing that community's first local service. The Table of Allotments would be amended as follows:

<u>City</u>	<u>Current</u>	<u>Proposed</u>
Powers, OR	—	293C2

As shown by the attached **Allocation Study**, the proposed reference coordinates are fully spaced to all other facilities. The attached **Allocation Map** shows that required 70dBu coverage is easily provided over the entirety of the city of license. An actual practical transmitter installation located at the reference coordinates would also provide 70dBu coverage over the entire city, with actual terrain taken into account.

The 60dbu primary contour would provide service to 60,943 persons, while the 70dbu principal community contour would provide service to 22,712 person.

**ALLOCATION STUDY**  
**PETITION FOR RULEMAKING**  
 ADD: 293C2 - POWERS, OREGON  
 Site: 42:57:32N; 123:16:23W NAD27

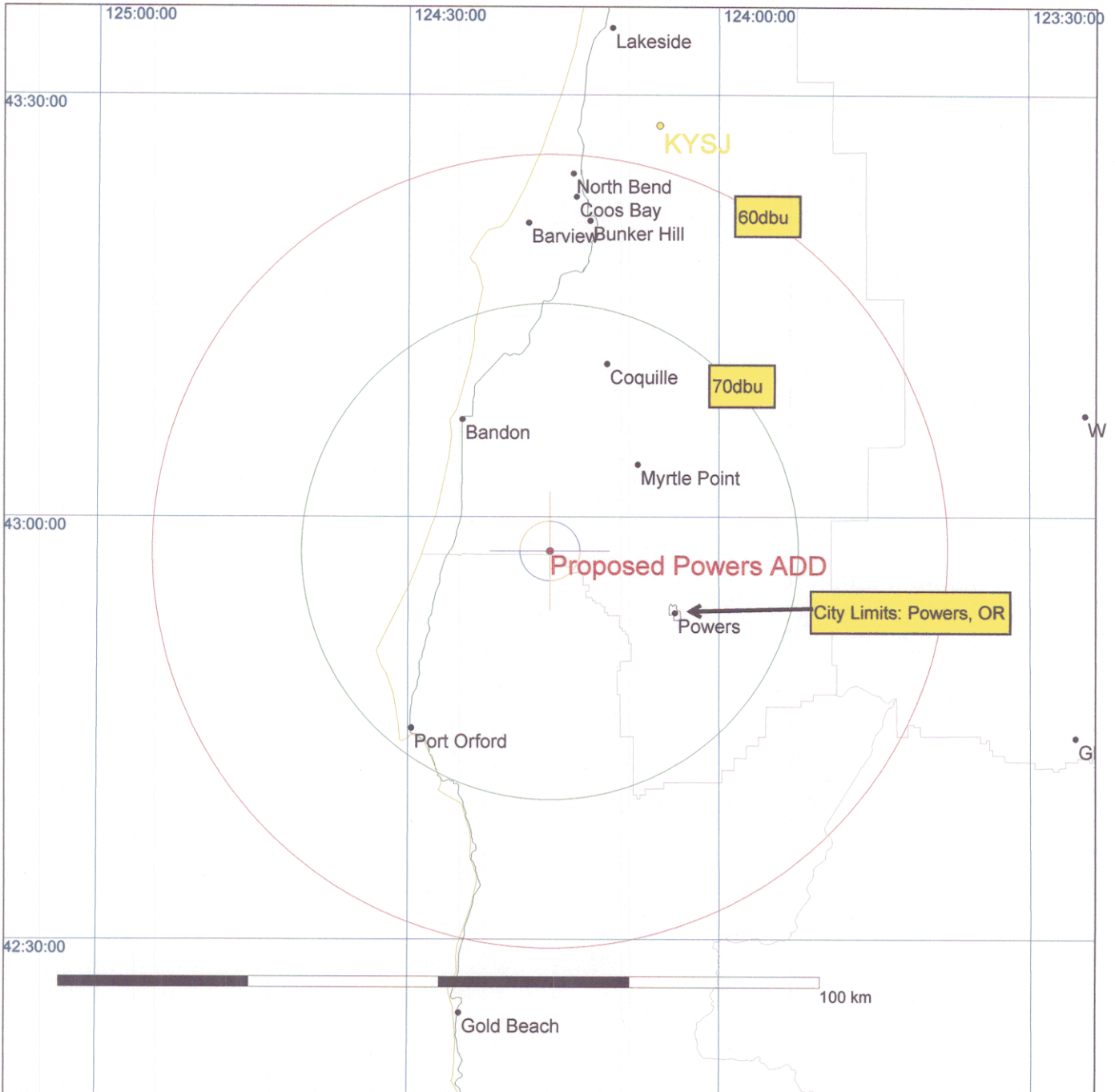
Callsign	Latitude	Longitude	City	St	Serv	Channel	Cl	Stat	Min	Clear	ERP	HAAT	Adj	Dist	Bea	Owner
KYSJ	N43:27:49	W124:05:44	COOS BAY	OR	FM	290 : 105.9	C2	LIC	58	-0.14	15.00	275	3rd Adj	57.86	14	LIGHTHOUSE RADIO GROUP
KCST-FM	N43:57:19	W124:04:26	FLORENCE	OR	FM	295 : 106.9	A	LIC	55	56.84	2.30	155	2nd Adj	111.84	8	COAST BROADCASTING CO., INC.
KBOY-FM	N42:27:11	W123:03:21	MEDFORD	OR	FM	239 : 95.7	C1	LIC	27	87.39	60.00	299	IF	114.39	119	MAPLETON COMMUNICATIONS, LLC
KZZE	N42:21:13	W122:47:05	EAGLE POINT	OR	FM	292 : 106.3	C3	LIC	117	22.26	0.90	485	1st Adj	139.26	119	CITICASTERS LICENSES, L.P.

*Note: KYSJ is fully spaced, with allowable rounding to the nearest kilometer*

# Allocation Map

Brown Broadcast Services, Inc.  
 Job: POWERS NEW FINAL.fnj  
 Master Database: 2004\_Jul\_21.fmd  
 Lat: N42:57:33 Lon: W124:16:19 NAD-27  
 Scale: 1:750000  
 Channel: 293 Class: C2  
 Status: Licensed, Construction Permit, Application, Addition  
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6  
 Range: 23 km, Clearance: -0.5km  
 Comments: No Comments  
 Description:

rfInvestigator Version 2.5.32  
 by rfSoftware, Inc.  
 Date: 8/8/2004 11:09:28 PM  
 Key:  
 City Grade  
 Protected  
 Co-Channel  
 1st Adj  
 2nd/3rd Adj



**AFFIRMATION**

Michael D. Brown hereby states that since 1985 he has been owner of Brown Broadcast Services, Inc., an Oregon Corporation, with offices in Portland, Oregon; that he has 30 years of professional experience as a radio engineer; that he has been FCC licensed as a First Class Radiotelephone Operator (now superseded by the General Class License) since 1974; that he has been certified as a Senior Radio Broadcast Engineer by the Society of Broadcast Engineers since 1990; and that he is qualified to prepare the technical data contained in this section.

Affiant further states that he has been retained by the Petitioner described herein to prepare the enclosed exhibits, and that he believes them to be a true and accurate representation of the facts as evident at the time of the measurements.

Signed Michael D. Brown date: 8/18/2004

Michael D. Brown  
Brown Broadcast Services, Inc.  
3740 SW Comus St.  
Portland, OR 97219  
503-245-6065